

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061819\
 Data File : BG041302.D
 Acq On : 18 Jun 2019 18:06
 Operator : HP/JU
 Sample : K3382-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE

Quant Time: Jun 19 06:07:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 14:58:02 2019
 Response via : Initial Calibration

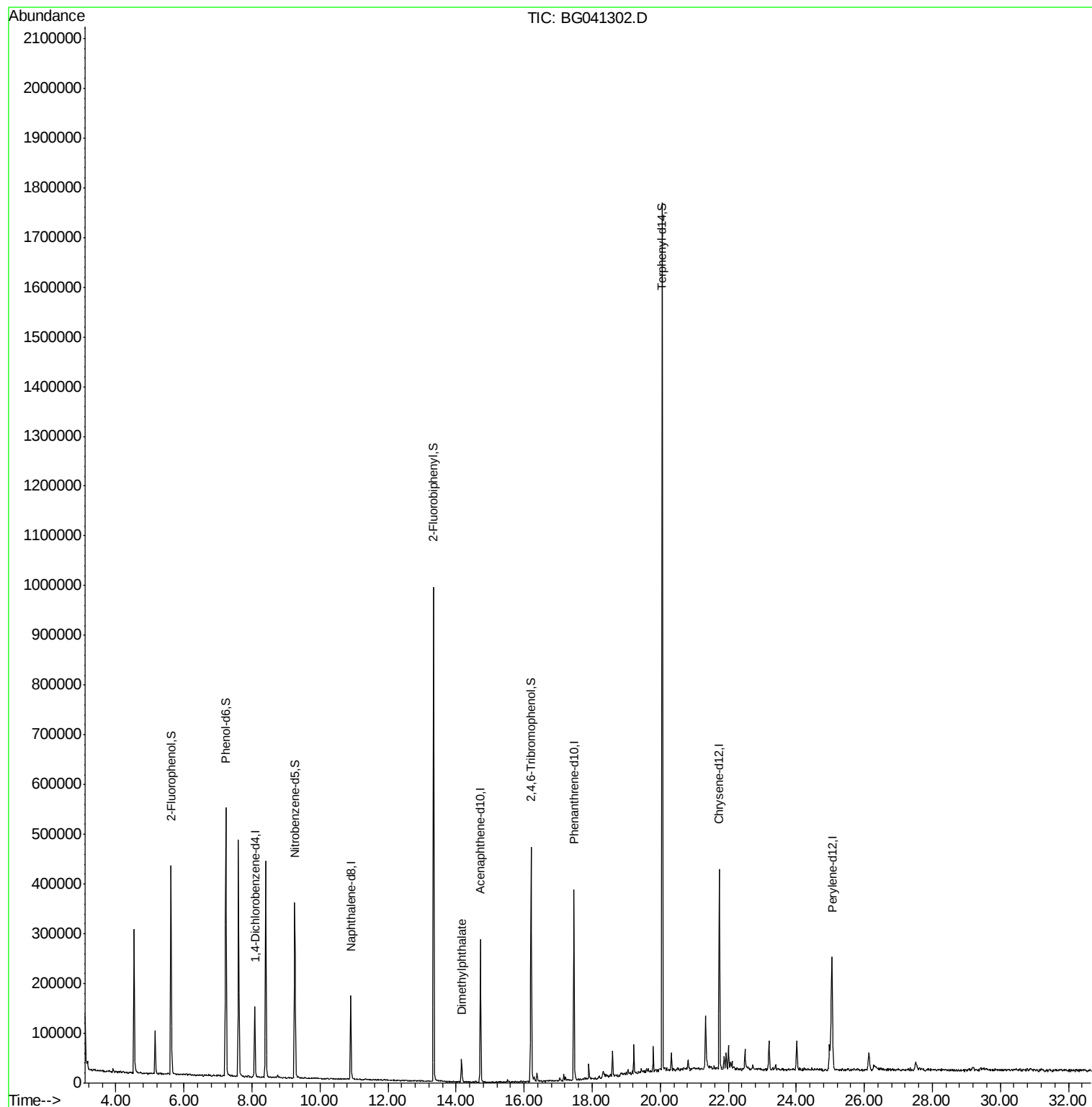
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	37034	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	142156	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	101601	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	251646	20.00	ng	0.00
76) Chrysene-d12	21.74	240	249640	20.00	ng	0.00
87) Perylene-d12	25.05	264	265418	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	163056	80.90	ng	0.00
7) Phenol-d6	7.23	99	278220	95.23	ng	0.00
23) Nitrobenzene-d5	9.26	82	218561	64.66	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	96180	61.66	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	508063	67.97	ng	0.00
79) Terphenyl-d14	20.06	244	855831	67.94	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.16	163	35232	3.897	ng	Qvalue # 96

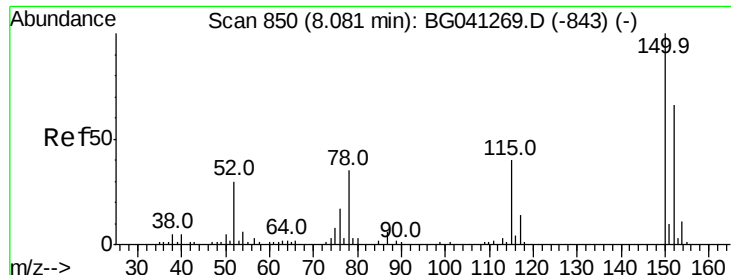
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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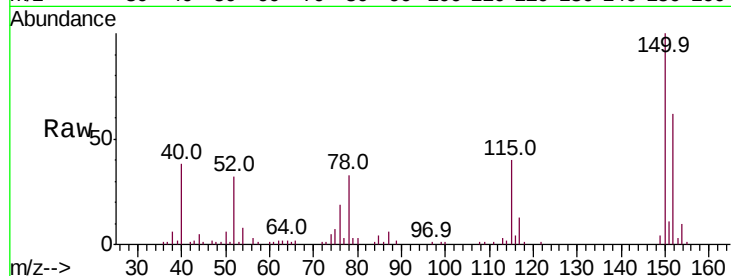


#1

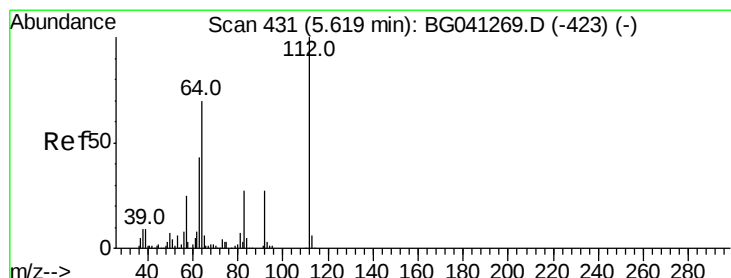
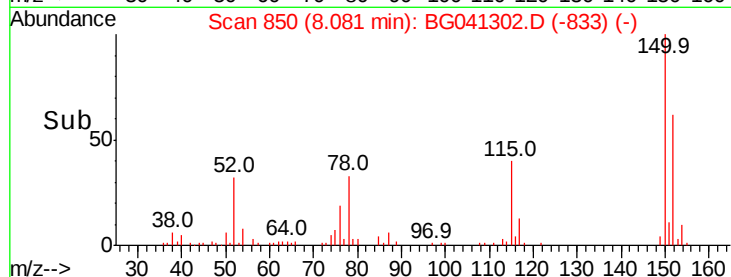
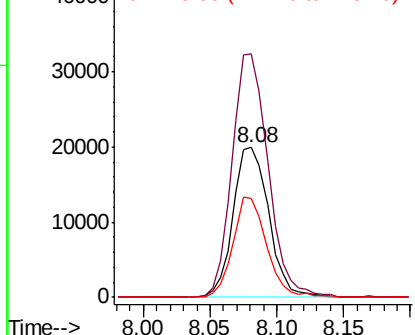
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 850
Delta R.T. 0.00 min
Lab File: BG041302.D
Acq: 18 Jun 2019 18:06

Instrument :
BNA_G
ClientSampleId :
CONCRETE

Tot Ion:152 Resp: 37034
Ion Ratio Lower Upper
152 100
150 162.5 120.6 181.0
115 65.6 47.9 71.9



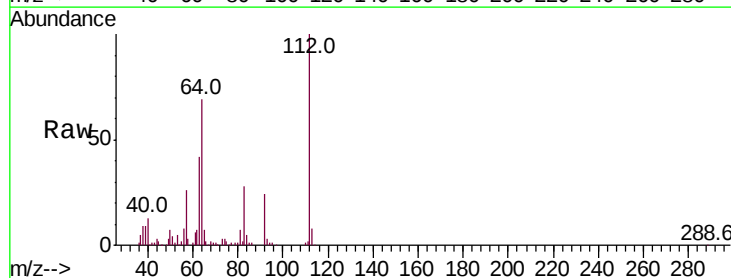
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



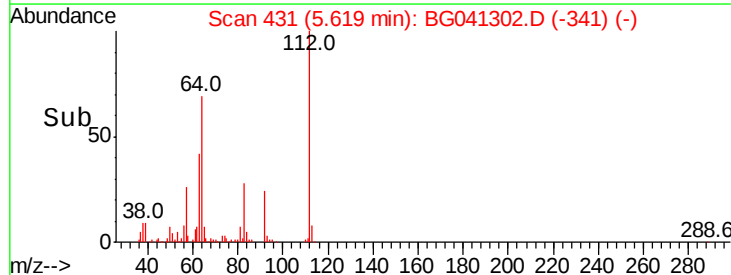
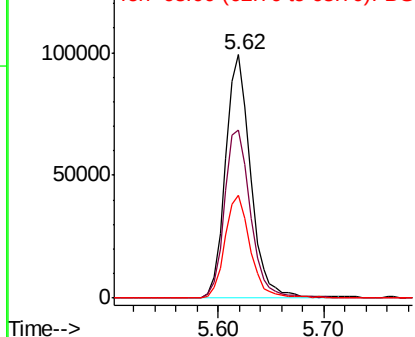
#5

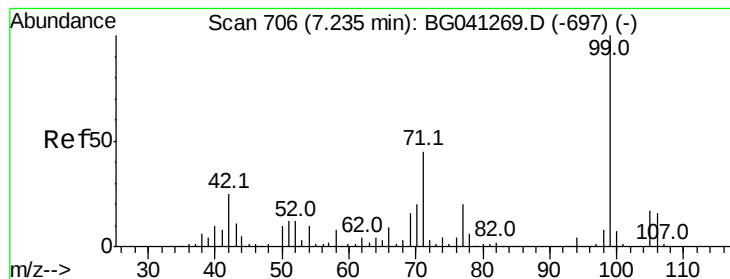
2-Fluorophenol
Concen: 80.899 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.00 min
Lab File: BG041302.D
Acq: 18 Jun 2019 18:06

Tgt Ion:112 Resp: 163056
Ion Ratio Lower Upper
112 100
64 68.9 55.9 83.9
63 42.2 34.6 51.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 95.230 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.01 min

Lab File: BG041302.D

Acq: 18 Jun 2019 18:06

Instrument :

BNA_G

ClientSampleId :

CONCRETE

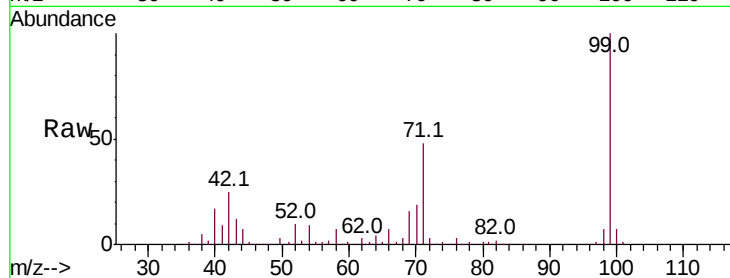
Tot Ion: 99 Resp: 278220

Ion Ratio Lower Upper

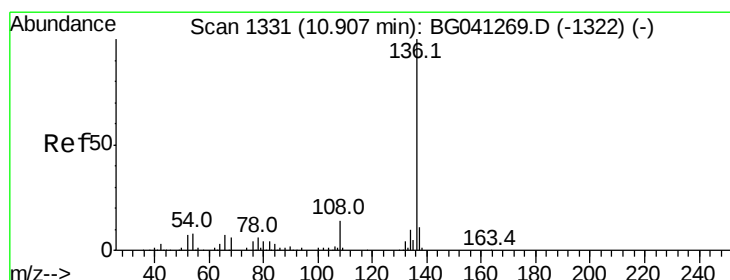
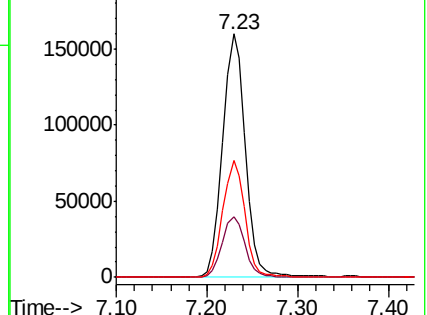
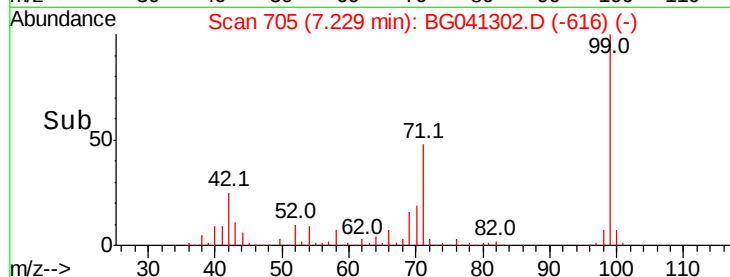
99 100

42 24.6 19.9 29.9

71 47.9 36.4 54.6



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.90 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BG041302.D

Acq: 18 Jun 2019 18:06

Tgt Ion: 136 Resp: 142156

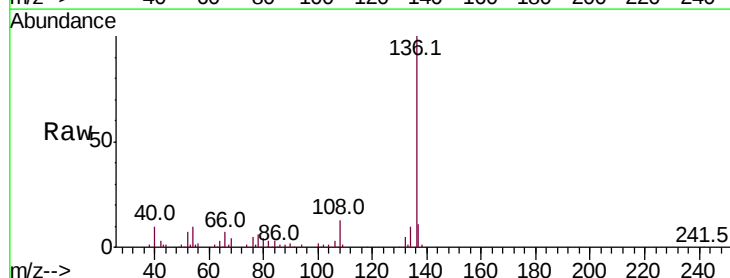
Ion Ratio Lower Upper

136 100

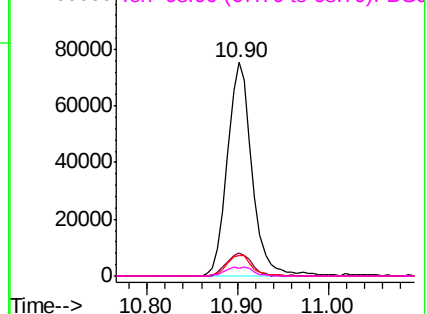
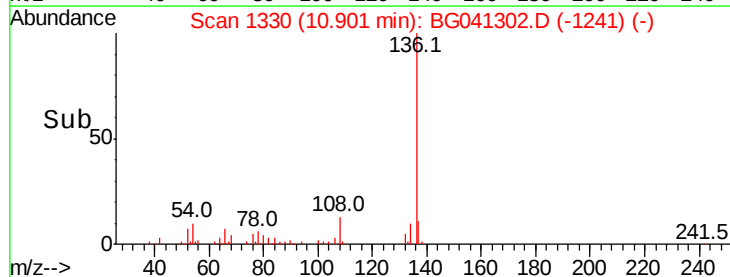
137 10.9 8.8 13.2

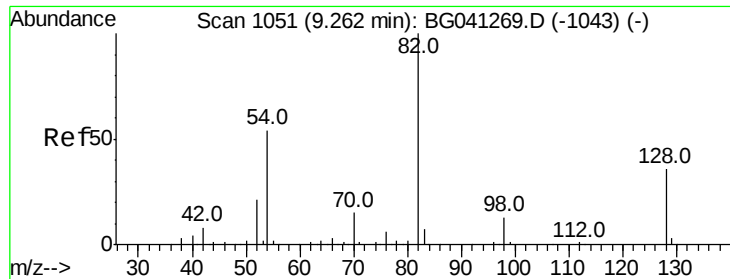
54 9.5 6.4 9.6

68 3.7 4.8 7.2#



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

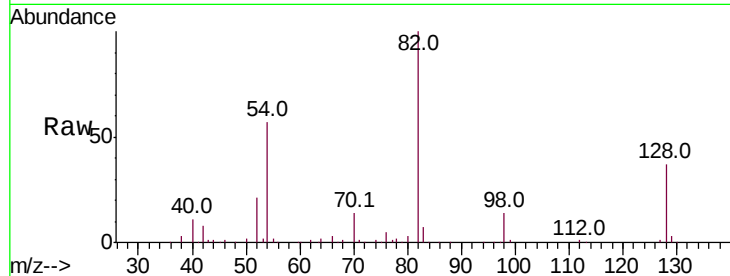




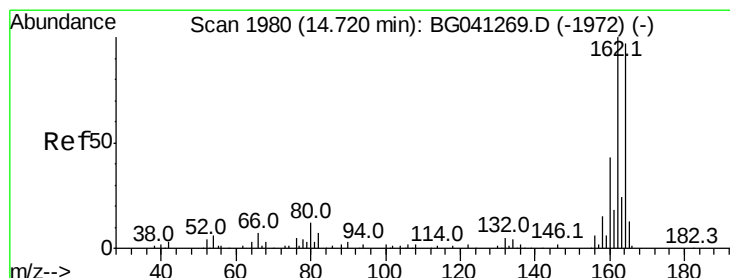
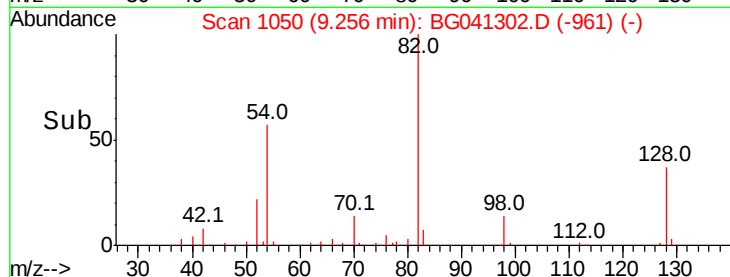
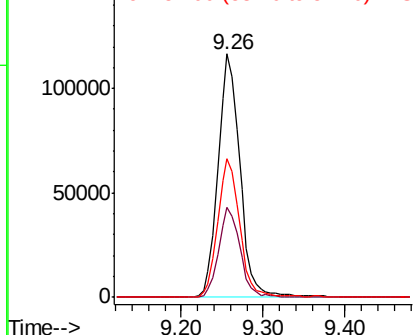
#23
Nitrobenzene-d5
Concen: 64.660 ng
RT: 9.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BG041302.D
Acq: 18 Jun 2019 18:06

Instrument :
BNA_G
ClientSampleId :
CONCRETE

Tot Ion: 82 Resp: 218561
Ion Ratio Lower Upper
82 100
128 37.0 29.2 43.8
54 56.9 43.4 65.0

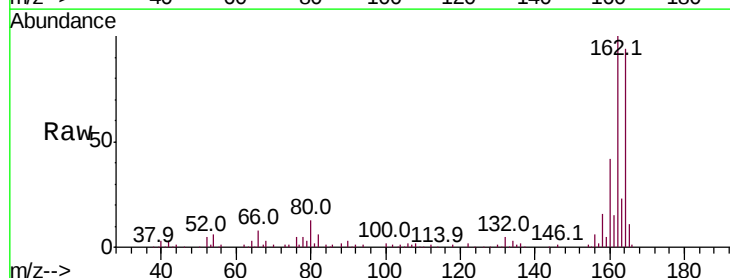


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

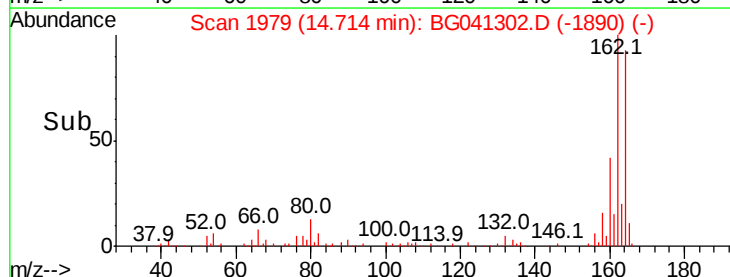
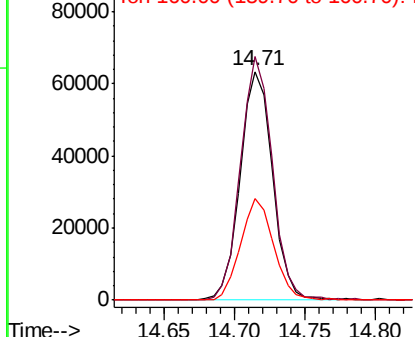


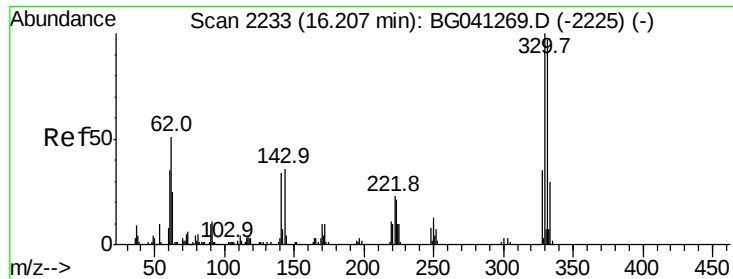
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.71 min Scan# 1979
Delta R.T. -0.01 min
Lab File: BG041302.D
Acq: 18 Jun 2019 18:06

Tgt Ion:164 Resp: 101601
Ion Ratio Lower Upper
164 100
162 106.7 82.8 124.2
160 44.4 35.8 53.8



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC





#42

2,4,6-Tribromophenol

Concen: 61.662 ng

RT: 16.21 min Scan# 2233

Delta R.T. 0.00 min

Lab File: BG041302.D

Acq: 18 Jun 2019 18:06

Instrument :

BNA_G

ClientSampleId :

CONCRETE

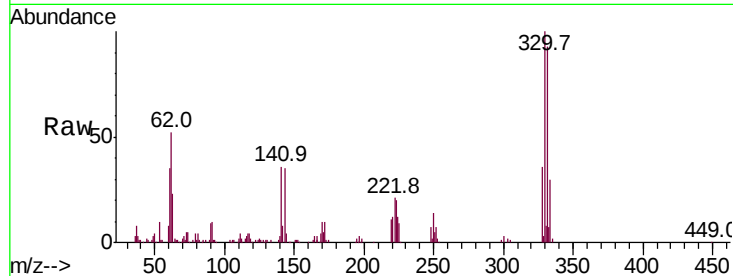
Tot Ion:330 Resp: 96180

Ion Ratio Lower Upper

330 100

332 94.2 75.5 113.3

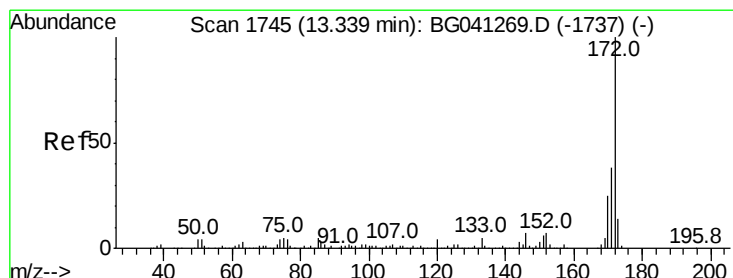
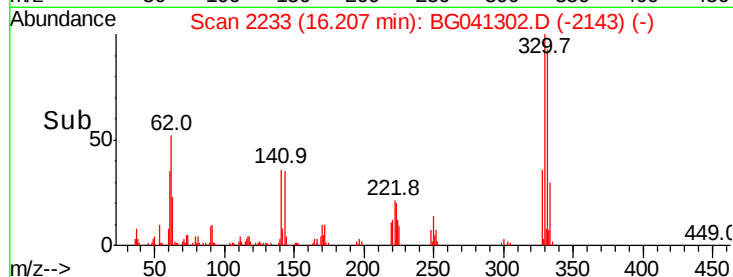
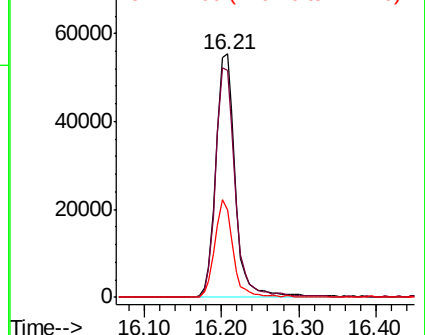
141 36.9 29.0 43.4



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45

2-Fluorobiphenyl

Concen: 67.966 ng

RT: 13.33 min Scan# 1744

Delta R.T. -0.01 min

Lab File: BG041302.D

Acq: 18 Jun 2019 18:06

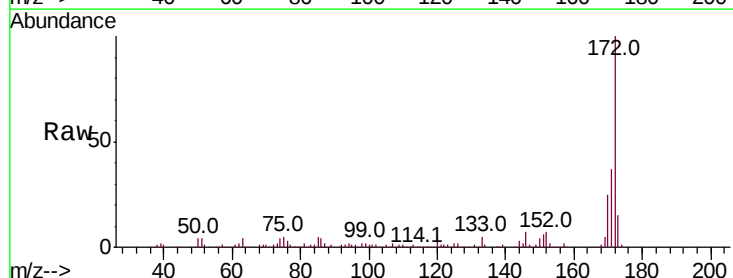
Tgt Ion:172 Resp: 508063

Ion Ratio Lower Upper

172 100

171 37.1 30.0 45.0

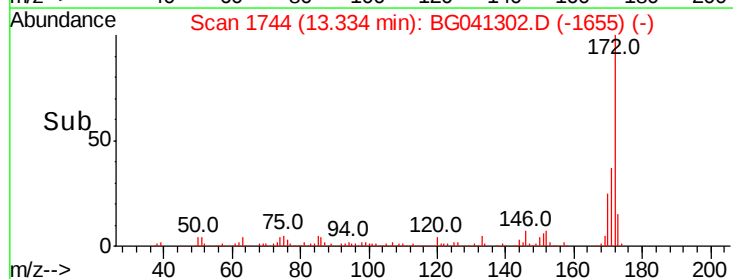
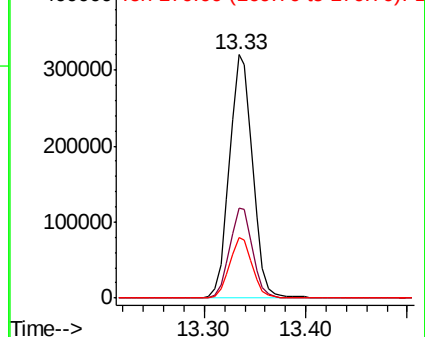
170 24.7 19.8 29.6

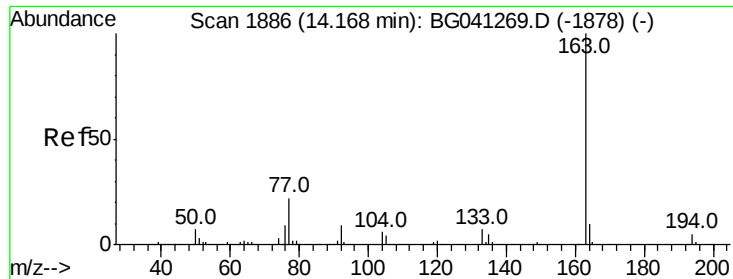


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 3.897 ng

RT: 14.16 min Scan# 1885

Delta R.T. -0.01 min

Lab File: BG041302.D

Acq: 18 Jun 2019 18:06

Instrument :

BNA_G

ClientSampleId :

CONCRETE

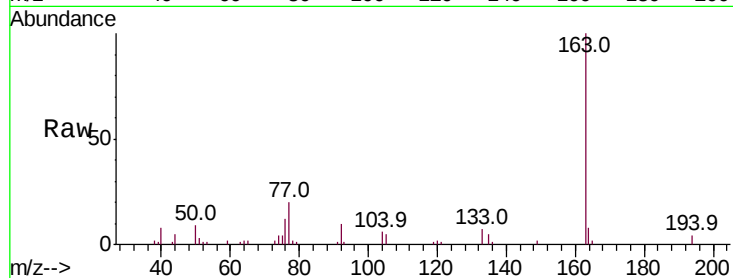
Tot Ion:163 Resp: 35232

Ion Ratio Lower Upper

163 100

194 4.5 3.9 5.9

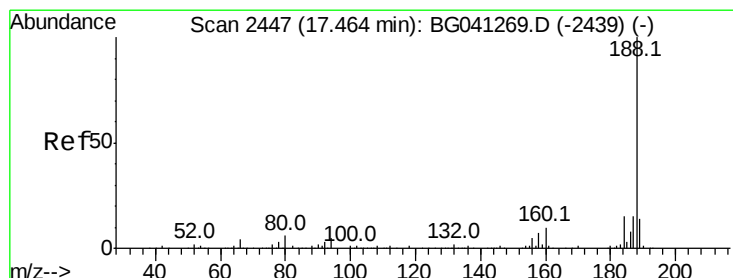
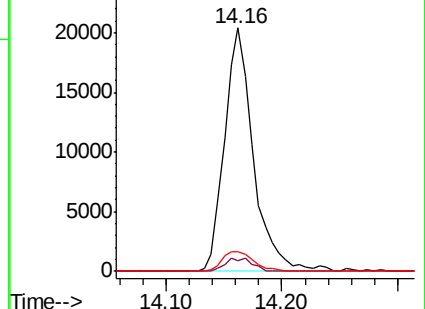
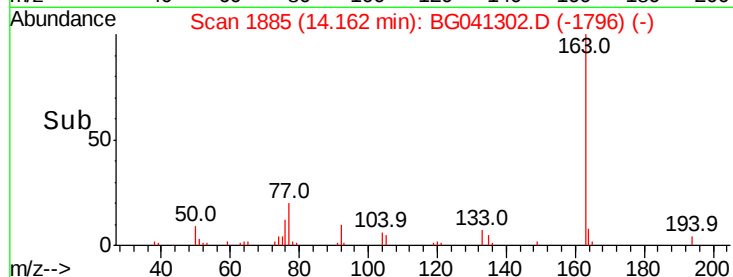
164 8.2 8.3 12.5#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.46 min Scan# 2447

Delta R.T. 0.00 min

Lab File: BG041302.D

Acq: 18 Jun 2019 18:06

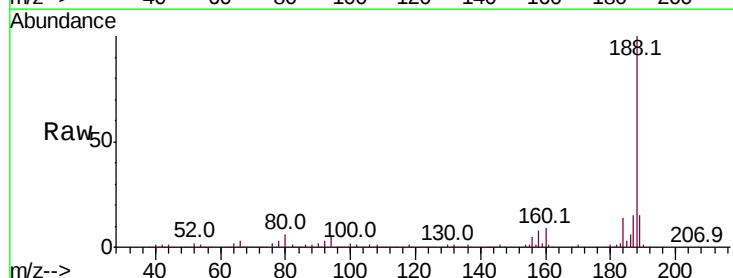
Tgt Ion:188 Resp: 251646

Ion Ratio Lower Upper

188 100

94 4.7 3.6 5.4

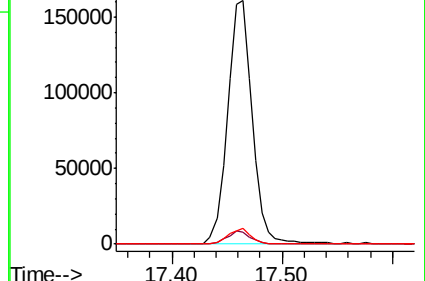
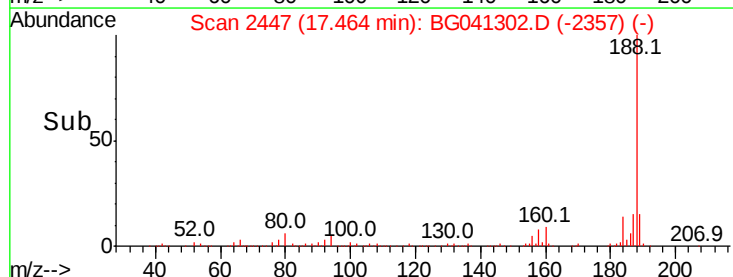
80 6.4 4.8 7.2

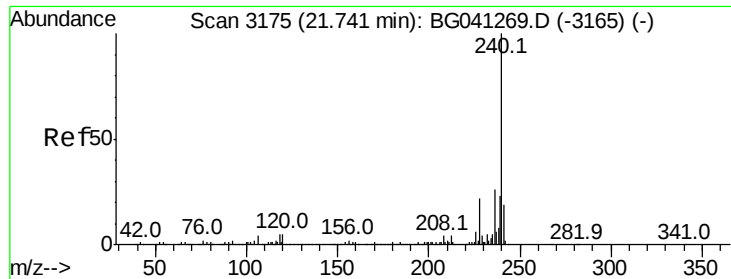


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG

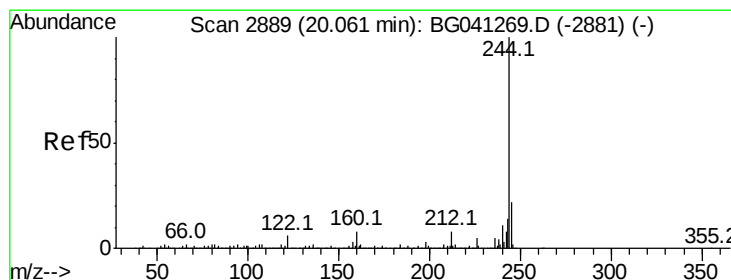
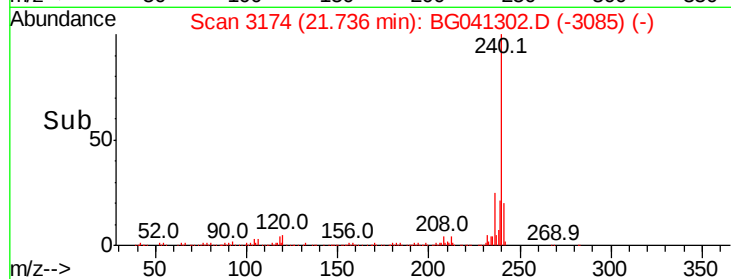
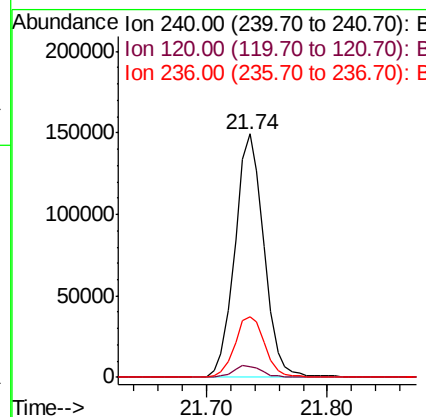
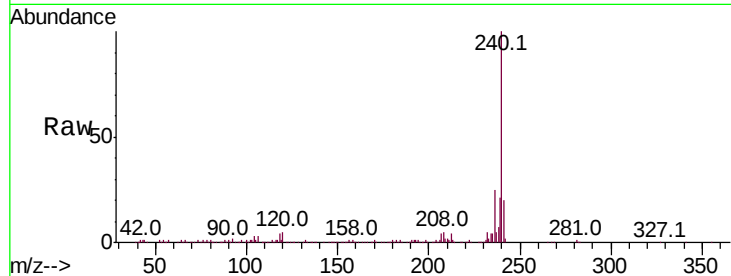




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.74 min Scan# 3174
 Delta R.T. -0.01 min
 Lab File: BG041302.D
 Acq: 18 Jun 2019 18:06

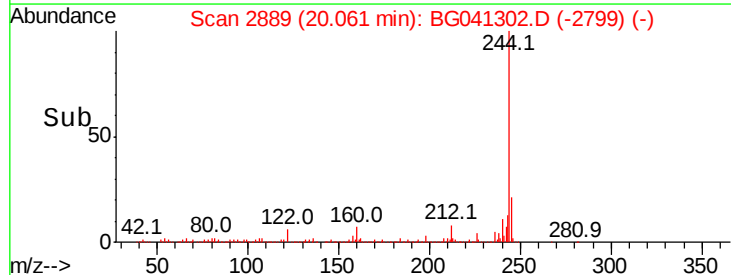
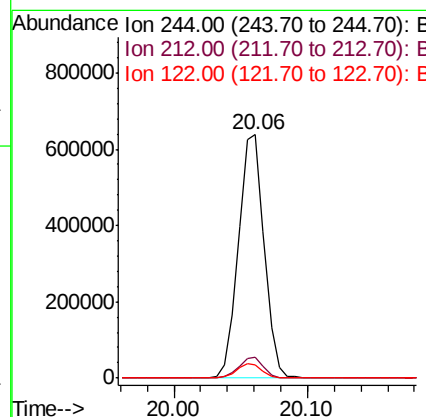
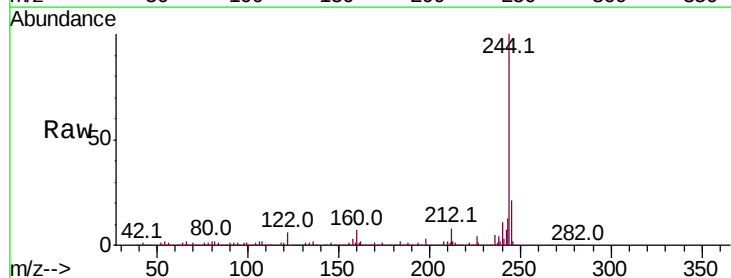
Instrument :
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 CONCRETE

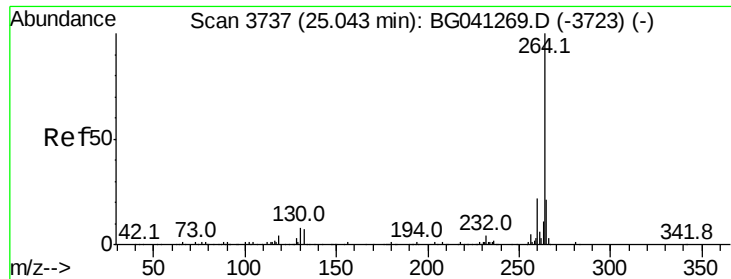
Tot Ion:240 Resp: 249640
 Ion Ratio Lower Upper
 240 100
 120 4.6 3.7 5.5
 236 24.8 21.1 31.7



#79
 Terphenyl-d14
 Concen: 67.941 ng
 RT: 20.06 min Scan# 2889
 Delta R.T. 0.00 min
 Lab File: BG041302.D
 Acq: 18 Jun 2019 18:06

Tgt Ion:244 Resp: 855831
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.6 10.0
 122 5.6 5.0 7.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.05 min Scan# 3738
Delta R.T. 0.01 min
Lab File: BG041302.D
Acq: 18 Jun 2019 18:06

Instrument :
BNA_G
ClientSampleId :
CONCRETE

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.4	26.2
265	22.9	17.2	25.8

